IN THE CLAIMS:

Amend the following claims:

1. (Amended) Electric motor including a stator and a rotor which defines a rotor axis and includes at least a stack of laminations [(2)] layered by sheets and provided with slots [(8)] for receiving rotor windings, [characterized in that], wherein at [the] an end face [(3, 4)] of the at least one stack of laminations [(2)], there is provided at least one rotor end sheet [(5) is provided] which is made of high-strength fine-grain structural steel and exhibits, at least in proximity of the rotor axis, [the] a geometric shape of the sheets layered in the stack of laminations [(2)].

2. (Amended) Electric motor according to claim 1, [characterized in that] wherein the rotor end sheet is provided with slots for receiving the rotor windings, said [the] slots [(8)] of the rotor end sheet [(5) are] being closed.

3. (Amended) Electric motor according to claim 1, [characterized in that] wherein the rotor end sheet is provided with slots for receiving the rotor windings, at least some of the slots [(8)] of the rotor end sheet [(5) have] having[, at least some,] leakage orifices [(9)].

4. (Amended) Electric motor according to claim [1, characterized in that the electric motor is] 2 in the form of a high-speed, heavy-duty asynchronous motor.

Add the following claims:

5. (New) Electric motor according to claim 3 in the form of a high-speed, heavy-duty asynchronous motor.

6. (New) An electric motor, comprising:

- a stator; and
- a rotor defined by a rotor axis and having a stack of laminations which is layered by sheets, said stack of laminations having opposite end faces, and two rotor end sheets, one of the rotor end sheets provided on one of the end faces of the stack of laminations, and the other one of the rotor end sheets provided on the other one of the end faces of the stack of laminations, each of said rotor end sheets being made of high-strength fine-grain structural steel and exhibiting, at least in proximity of the rotor axis, a geometric shape of the sheets layered in the stack of laminations.

7. (New) The electric motor of claim 6, wherein each of the rotor end sheets has slots for receiving rotor windings, said slots being closed.

8. (New) The electric motor of claim 6, wherein each of the rotor end sheets has slots for receiving rotor windings, at least some of the slots being formed with leakage orifices.